

24. (Amended) A method of reducing the level and/or activity of a target protein in an eukaryotic cell via the activation of ubiquitination of said target protein comprising contacting said cell with a compound comprising;

- B2
- Sub C1
- a) a ubiquitination recognition element which is able to bind to either the E3 or E2 elements of the ubiquitination system, wherein said ubiquitination recognition element has a molecular weight less than 30,000 and has a binding affinity for said E3 and/or E2 elements of the ubiquitination system of at least 10^2 M^{-1} and;
- b) a target protein binding element that is able to bind specifically to said target protein wherein said target protein binding element has a molecular weight of less than 30,000 and has a binding affinity for said target protein greater than 10^5 M^{-1} ,

wherein said ubiquitination recognition element is covalently linked to said target protein binding element.

25. (Amended) The method of claim 24 where said reduction causes a physiological or metabolic change.

26. (Amended) The method of claim 24 where said reduction causes a pharmacological change.

B2 27. (Amended) The method of claim 24 where said reduction treats a disease.

B3 29. (Amended) The method of claim 28 where said target protein is an antigen.

36. (Amended) A method of selectively targeting ubiquitination in a cell comprising contacting said cell with a compound comprising;

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a ubiquitination recognition element which is able to bind to either the E3 or E2 functional elements of the ubiquitination system, wherein said ubiquitination recognition element has a molecular weight less than 30,000 and has a binding affinity for said E3 and/or E2 elements of the ubiquitination system of at least 10^2 M^{-1} and;

a target protein binding element that is able to bind specifically to a target protein wherein said target protein binding element has a molecular weight of less than 30,000 and has a binding affinity for said target protein greater than 10^5 M^{-1} ,

wherein said ubiquitination recognition element is covalently linked to said target protein binding element.
